

IN THE CLAIMS

This is a complete and current listing of the claims, marked with status identifiers in parentheses. The following listing of claims will replace all prior versions and listings of claims in the application.

What is claimed is:

1. (Currently Amended) A method for detecting faults in at least one of a ~~the~~ case of reconfigurable terminals and/or a case —for supporting reconfiguration decisions, the method comprising:

wherein supplying network elements, ~~(RNCA, RNCB)~~ having including an agent platform, ~~are supplied~~ at least one of directly and/or via at least one agent proxy ~~(APX)~~ with agents ~~(A1, A2, A3)~~ by agent providers ~~(AP1, AP2, and AP3)~~, with the agent platform authorizing itself with the respective agent provider, the agent platform allowing the agent provider to set up an agent having specific access rights, and communication between the agent platform and agent provider being encrypted, ;

wherein the agents ~~have~~ include protected storage areas and receive raw information for at least one of evaluating fault incidents and/or optimizing reconfiguration decisions from the respective network element over defined interfaces of the agent platform, ; and

wherein processing the said raw information is processed
inside the respective agent, ~~and~~ forming decision information,
for at least one of evaluating fault incidents and/or
optimizing reconfiguration decisions, ~~is formed~~ therefrom and
~~made~~ making the information available to at least one of the
network element, ~~or, as the case may be,~~ network operator,
~~and/or agent provider or, as the case may be~~ and, terminal
manufacturer over the defined interface.

2. (Original) The method as claimed in claim 1
wherein the network elements transfer raw information
about operational faults of the respective terminal to a
terminal manufacturer's respective agent over the defined
interfaces of the agent platform and the agent, when requested
by the agent provider, supplies decision information formed on
the basis of said raw information to the agent provider.

~~3.~~ (Currently Amended) The method as claimed in claim 2,
wherein the decision information contains information
about occurring infringements of at least one of a network
protocol and/or radio standard.

4. (Original) The method as claimed in claim 1
wherein decisions about optimal reconfiguring are
partially relocated by network elements to manufacturer-

specific agents which, using the raw information made available to them and the manufacturer-specific data, accessible only to the device manufacturer, concerning the respective terminal, produce decision information for the network element.

5.—(Currently Amended)The method as claimed in claim 4, wherein the manufacturer-specific data includes the relevant terminal's energy consumption in at least one of specific radio modes, ~~and/or~~ the duration of reconfiguring, ~~and/or~~ the transceiver's precise characteristics.

6. (Currently Amended) Network element ~~(RNCA, RNCB)~~ for mobile-radio networks, comprising:

- wherein _____an agent platform, ~~is~~ provided in such a way that

the a network element ~~can be supplied~~ is supplyable at least one of ~~—directly~~ and/or via at least one agent proxy, ~~(APX)~~ with agents, ~~(A1, A2, A3)~~ by agent providers ~~(AP1, AP2, and AP3)~~, with the agent platform authorizing itself with the respective agent provider, the agent platform allowing the agent provider to set up an agent having specific access rights, and communication between the agent platform and agent provider being encrypted,

—_wherein defined interfaces of the agent platform are present in such a way that raw information for at least one of evaluating fault incidents and/or optimizing reconfiguration decisions ~~can be transferred~~ is transferrable to an agent and that decision information ~~can be transferred~~ is transferrable to at least one ~~REPLACEMENT SHEET (RULE 26)~~ ~~✕~~ _agent provider, and

—_

wherein the agents ~~have~~ include protected storage areas.

7. (Currently Amended) Agent for mobile-radio networks, comprising:

~~—having reconfigurable terminals, that is~~ embodied in such a way_

- that it can to be directed at least one of directly ~~or~~ and via at least one agent proxy ~~(APX)~~ by an agent provider ~~(AP1, AP2, and AP3)~~ to an agent platform of a respective terminal, including that is ~~has~~ protected storage areas, and to enable encrypted communication can take place with at least one of the terminal and/or agent provider,

- that it wherein the agent is adapted to receives raw information for at least one of evaluating fault incidents and/or optimizing reconfiguration decisions from the

respective network element over defined interfaces of the agent platform, and

~~—that it~~ wherein the agent is adapted to processes ~~said~~
the received raw information inside the respective agent and
forms decision information therefrom for at least one of
evaluating fault incidents and/or optimizing reconfiguration
decisions, ~~and~~ ~~said~~ the decision information ~~can~~ ~~be~~
~~transferred~~ being transferrable to at least one of the network
element ~~or, as the case may be,~~ network operator, ~~and/or~~ agent
provider ~~or, as the case may be,~~ and terminal manufacturer
over the defined interface.